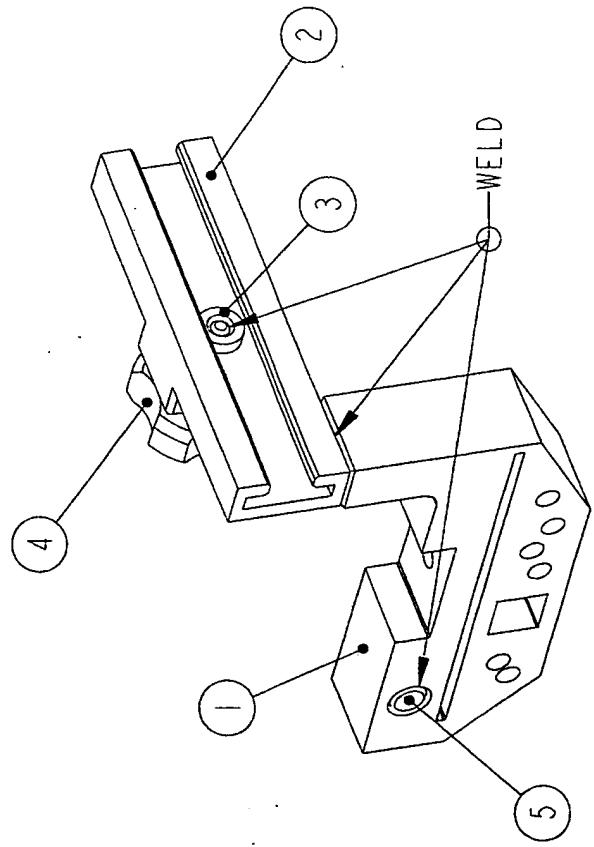


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REV. LETTER	REVISION DESCRIPTION	REVISED BY	APPROVED BY
DATE	DATE	DATE	DATE



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3	1	12800000-3	
2	1	12800000-2	
1	1	12800000-1	

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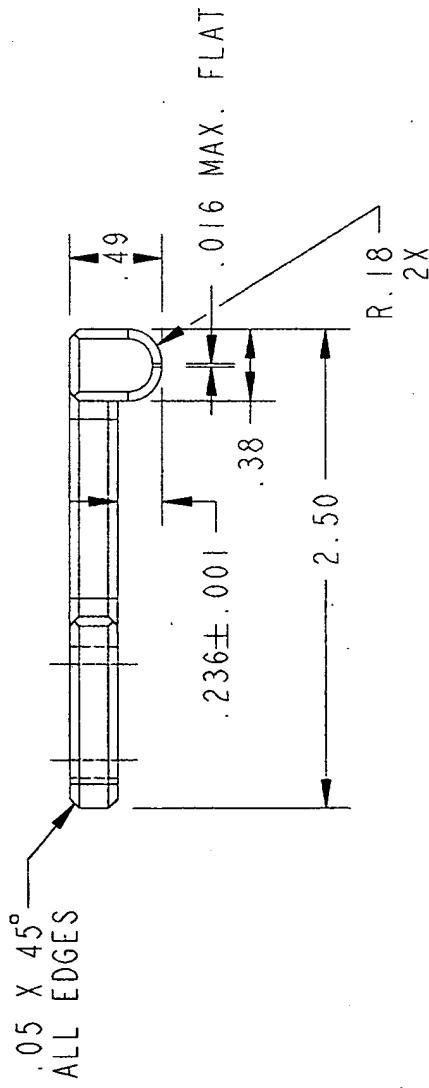
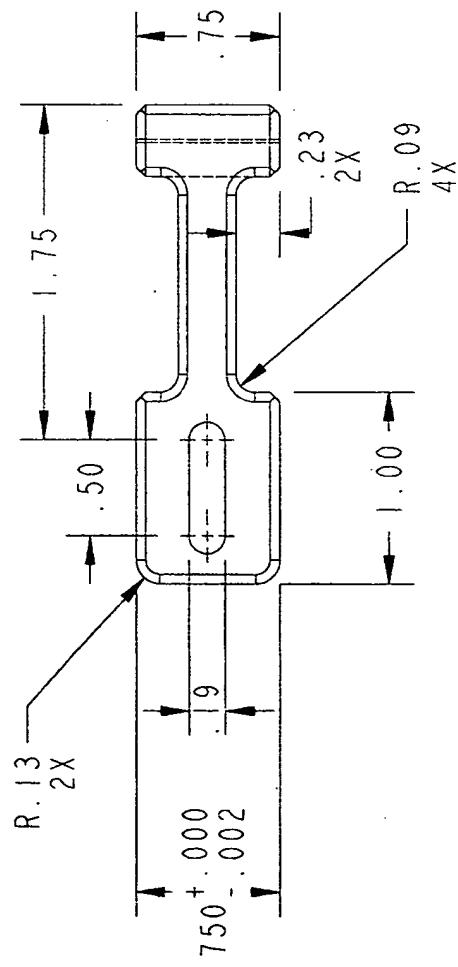
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BILL OF MATERIALS

CAD FILE: R & D/SUB1.ASM / .DRW		NEMCO MEDICAL	
SPECIFICATIONS		HICKSVILLE, OH 43526	
TOLERANCE UNLESS OTHERWISE SPECIFIED		MATERIAL: 17-4 S. S.	
H900		DRAWN BY: R. J. S.	APPROVED BY: CK
SURFACE FINISH MICRO INCH ARITHMETIC AVERAGE MAX ALL MACHINED SURFACES		DATE: 1/17/01	DATE: 1/18/01
		SCALE: 1.000	TITLE: EMIS SUB-ASSY
		SCALE: 1.000	P/N: 12800000
		DRAWING NUMBER	12800000-5
		HARDNESS	BREAK ALL EDGES AND SHARP CORNERS .020 MAX.
		Rc 40 MIN	✓

DRAWING NUMBER 12800000-6

REV. LETTER	REVISION DESCRIPTION	REVISED BY	APPROVED BY
		DATE	DATE



CONFIDENTIAL

JAN 24 2001

COPY

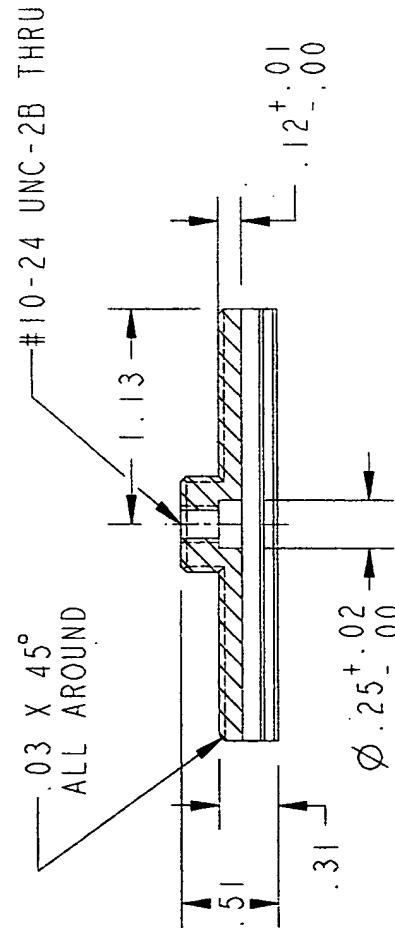
NEMCO MEDICAL

HICKSVILLE, OH 43526

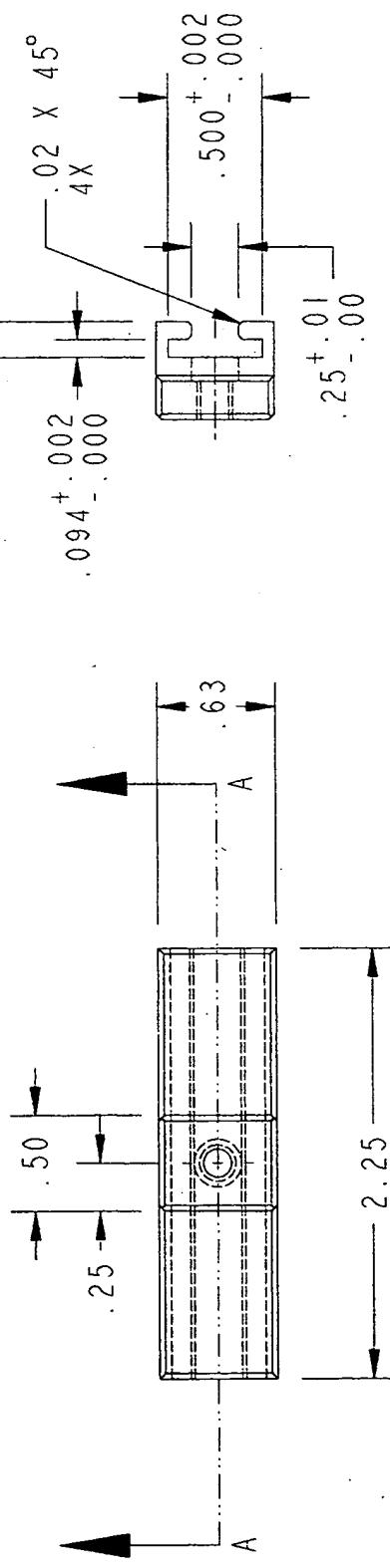
MATERIAL:	17-4 S.S.	APPROVED BY:	CK
DRAWN BY:	R.J.S.	DATE:	1/17/01
SCALE:	1.000	TITLE:	ARM
SCALE:	1.000	DATE:	1/28/00000
DRAWING NUMBER	12800000-6		

CAD FILE: R & D/ARM.PRT / DRW	
SPECIFICATIONS	TOLERANCE UNLESS OTHERWISE SPECIFIED
H900	XX=±.01 XX=±.005 XXX=±.005 Z=±.005
SURFACE FINISH MICROINCH ARITHMETIC AVERAGE MAX ALL MACHINED SURFACES	
✓ HARDNESS Rc 40 MIN	BREAK ALL EDGES AND SHARP CORNERS .020 MAX.

DRAWING NUMBER 12800000-2			
REV. LETTER	REVISION DESCRIPTION	REVISED BY	APPROVED BY



SECTION A-A



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JAN 24 2008

COPY

CAD FILE: CAD FILE: R & D SLIDE-PLATE.PRT		TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL: 17-4 S.S.
SPECIFICATIONS			
XX±.01 XXX±.005 XXXX±.0005	≤±1°	DRAWN BY: R.J.S. DATE: 1/11/01	APPROVED BY: CK DATE: 1/17/01
SURFACE FINISH MICROINCH ARITHMETIC AVERAGE MAX ALL MACHINED SURFACES	SCALE: 1.000	TITLE: PLATE 1/2800000	DRAWING NUMBER 12800000-2
HARDNESS	✓	BREAK ALL EDGES AND SHARP CORNERS .020 MAX.	

NEMCO MEDICAL

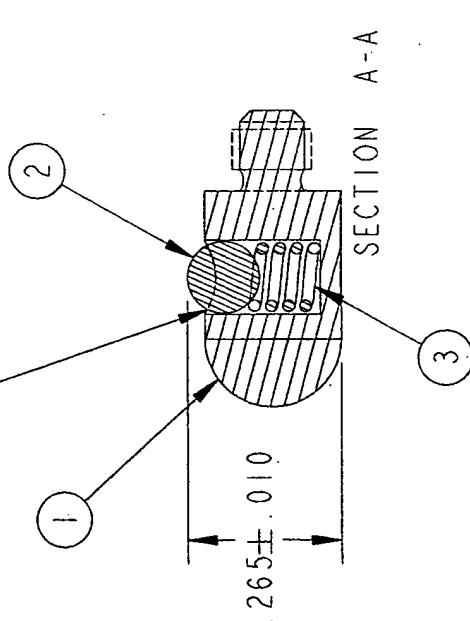
HICKSVILLE, OH 43526

REV. LETTER	REVISION DESCRIPTION	REVISED BY	APPROVED BY

12800000-2

DESCRIPTION				DRAWING NUMBER 12800000-12		
ITEM	QTY.	DESCRIPTION	REV. LETTER	REVISION DESCRIPTION	REVISED BY	APPROVED BY
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2	1	87-0905-000				
3	1	6260-927				

SEE NOTE |



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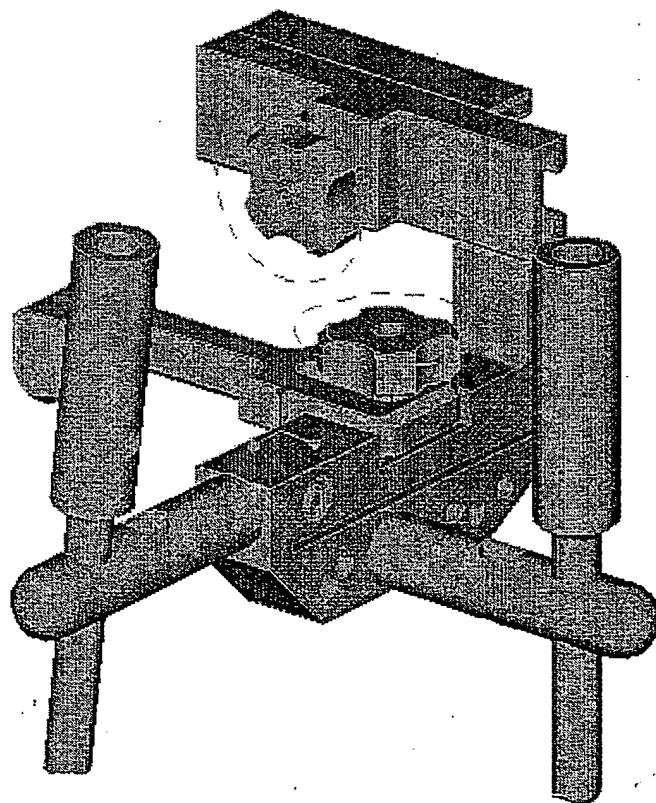
ITEM	QTY.	DESCRIPTION
1	1	12800000-11
2	1	87-0905-000
3	1	6260-927

NEMCO MEDICAL		HICKSVILLE, OH 43526
MATERIAL:	17-4 S.S.	
DRAWN BY:	R.J.S.	APPROVED BY: CK
DATE:	1/18/01	DATE: 1/18/01
SCALE:	3.000	TITLE: SUB ASSEMBLY
DRAWING NUMBER		21800000
		12800000-12

CAD FILE: R & D/SUB2.PRT / DRW		TOLERANCE UNLESS OTHERWISE SPECIFIED
SPECIFICATIONS		
XX=±.01		XX=±.01
XXX=±.005		XXX=±.005
XXXX=±.0005		XXXX=±.0005
SURFACE FINISH MICROINCH ARITHMETIC AVERAGE MAX ALL MACHINED SURFACES		
✓ HARDNESS		BREAK ALL EDGES AND SHARP CORNERS .000 MAX.

NOTE:
1) SWEDGE ITEM 1 TO HOLD BALL.

NEVCO 11501cc
Richard Vondale



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JAN 18 2001

Richard VanZile

From: "Richard VanZile" <rzile@nemcomedical.com>
To: "Don Smucker" <SmuckerInc@aol.com>
Sent: Friday, December 22, 2000 2:21 PM
UPDATED

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Notes

Meeting ref> EMIS instrumentation UNI Knees

Meeting: Dr. Coon, (Bryan Hospital)
Don Smucker (Zimmer Great Lakes)
Richard Van Zile (NEMCO Medical)

This was the second meeting with Dr. Coon to review a second set of preliminary drawing for "External minimally invasive femoral cutting guide," to be used with Zimmer MG Uni Knee system. We reviewed the design and made final changes to start fabrication of prototype for Dr. Coon to use before going to AAOS and presenting it to other surgeons.

Zimmer has a intramedullary system and is very interested in a extramedullary system, which they do not have.
Uni knee replacement has increased during 2000 and will increase 2001.

This Minimally Invasive procedure may be performed on an outpatient basis and may have application to 20% of patients who suffer from arthritis of the knee. This procedure is preformed though a 2-3 inch incision and may result in a shorted hospital stay and shorter recovery time.

Dr. Coon has preform many of both total knee, and Uni knee during the past ten years.

Don Smucker contacted NEMCO Medical with a request to look into designing a system that could be used to preform the above surgery. Don and I have designed a system to comply with that request. Don has suggested using Dr. Coon's input and recommendation for using this cutting guide in surgery.

Don Smucker and Dr. Coon will be meeting with Don Madson(Director of Knee Marking, Zimmer) in Chicago January 9,2001, to present this new design concept.

I will need drawing for them to take with them for the presentation.

Don Smucker would like to meet with Kevin Countryman before the Jan 9 meeting with
Zimmer, to discuss this and other projects.

cc

Kevin C

John L

Richard VZ

EMIS.doc